



Fire Protection Training

Procedures Handbook 4300

FORCIBLE ENTRY

TOPIC: Forcing Overhead Doors

TIME FRAME: 15 Minutes

LEVEL OF INSTRUCTION:

BEHAVIORAL OBJECTIVE:

Condition: A written quiz

Behavior: The student will list and describe the proper methods for forcing overhead doors and identify the technical aspects of the evolutions.

Standard: With a minimum of 70% accuracy

MATERIALS NEEDED:

- Appropriate visual aids
- Audio visual equipment

REFERENCES:

- IFSTA, Essentials of Fire Fighting, 2nd Edition, Chapter 6
- IFSTA, Forcible Entry, 7th Edition, Chapter 4

PREPARATION: Knowledge of overhead door locking mechanisms and opening procedures is essential in order to gain safe and rapid entry into structures with overhead doors. As with any forcible entry - try before you pry.



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FORCING OVERHEAD DOORS

PRESENTATION	APPLICATION
<p>I. OVERHEAD DOORS</p> <p>A. Overhead Roll Up Door</p> <ol style="list-style-type: none">1. Constructed of narrow interlocking slats<ol style="list-style-type: none">a. Steel, aluminum, fiberglass or wood2. Roll up into a barrel when door is open3. Found in garages, warehouses, mini storages, service entrance to mercantile and industrial buildings, security covers on mercantile buildings (malls)4. Operated mechanically, manually, electrically5. Difficult to force<ol style="list-style-type: none">a. Pry up at the bottom with a prying tool near the locking mechanism6. High cost of repair or replacement7. Consider alternate means to gain entry8. Make triangle shaped cut with power saw to enter<ol style="list-style-type: none">a. Make opening large enough for firefighter in full protective gearb. Have a charged line readyc. Alternatively<ol style="list-style-type: none">(1) Make cuts forming two sides of a triangle<ol style="list-style-type: none">(a) Above the door handle/locking mechanism(b) In single door panel	



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PRESENTATION	APPLICATION
<ul style="list-style-type: none">(c) Push cut section inward(d) Reach in and release locking mechanism <p>B. Overhead Folding Doors</p> <ul style="list-style-type: none">1. Constructed of panels<ul style="list-style-type: none">a. Metal, fiberglass, wood, or glass2. Horizontal below ceiling when door is open3. Found in residential garages, warehouses, service stations4. Operated mechanically, manually, electrically5. Enter by cutting or knocking out a panel and release locking mechanism<ul style="list-style-type: none">a. Electrically operated doors (often remote controlled) may require firefighter to enter through a panel to trip release mechanismb. Alternatively<ul style="list-style-type: none">(1) Make cuts forming two sides of a triangle<ul style="list-style-type: none">(a) Above the door/handle locking assembly(b) In a single panel(c) Push cut section inward(d) Reach in and release locking mechanism	



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PRESENTATION	APPLICATION
<ul style="list-style-type: none">1. Constructed of single rigid unit that swings upward with the help of large springs<ul style="list-style-type: none">a. Metal, fiberglass, wood2. Horizontal below ceiling when door is open3. Found in garages, warehouses4. Normally operate manually5. Enter by prying out at each side near the bottom, bending the lock bar enough to pass the striker plate <p>D. Overhead Door Safety</p> <ul style="list-style-type: none">1. Always block a door in open position<ul style="list-style-type: none">a. Chains, rails, springs could be damaged by fireb. Use "C" clamp, vice grips, ladder, or pike pole to prop open2. Force overhead door as a last resort	



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FORCING OVERHEAD DOORS

SUMMARY:

Gaining access to a structure through large and heavy overhead doors is hazardous but necessary. The ability to recognize the type of overhead door, its locking mechanism, and its opening procedure is essential for rapid and safe entry.

EVALUATION:

A written quiz.

ASSIGNMENT:

To be determined by instructor(s).